

L Number	Hits	Search Text	DB	Time stamp
-	1285	(257/778).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2002/08/15 14:28
-	0	((257/778).CCLS.) and microvia	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2002/08/15 14:28
-	131	microvia	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2002/08/15 14:42
-	11	("4658332"   "4791248"   "5194326"   "5258330"   "5367764"   "5473119"   "5714252"   "5900674"   "6165892"   "6184577"   "6208525").PN.	USPAT	2002/08/15 14:31
-	25	5367764.URPN.	USPAT	2002/08/15 14:32
-	34	("3316618"   "3509270"   "3541222"   "3616532"   "3663931"   "3739469"   "3795037"   "3862790"   "4249302"   "4548451"   "4655519"   "4707657"   "4716049"   "4729809"   "4788766"   "4793814"   "4902606"   "4924353"   "4954878"   "5129142"   "5167512"   "5224265"   "5228861"   "5229647"   "5232548"   "5282312"   "5354205"   "5367764"   "5442143"   "5613033"   "5758413"   "5879787"   "5936848"   "5951305").PN.	USPAT	2002/08/15 14:34
-	16	("4673773"   "5006182"   "5098771"   "5123849"   "5129142"   "5200112"   "5232548"   "5300402"   "5327013"   "5346558"   "5376403"   "5378402"   "5487218"   "5502893"   "5509203"   "5666722").PN.	USPAT	2002/08/15 14:35
-	10	("3322881"   "3334395"   "4211603"   "4287253"   "4479991"   "4718972"   "4994349"   "5116459"   "5232548"   "5309632").PN.	USPAT	2002/08/15 14:37
-	56	5487218.URPN.	USPAT	2002/08/15 14:37
-	347	(174/266).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2002/08/15 15:00
-	186	((174/266).CCLS.) and (via microvia cavity)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2002/08/15 14:43
-	10	("4617730"   "5615477"   "5854534"   "5883335"   "5994771"   "6051867"   "6107109"   "6114019"   "6229209"   "6239495").PN.	USPAT	2002/08/15 14:45
-	33	("5046239"   "5063177"   "5172050"   "5229647"   "5236551"   "5249450"   "5420520"   "5426072"   "5483741"   "5487999"   "5528080"   "5541525"   "5578526"   "5592736"   "5607818"   "5633122"   "5634267"   "5674785"   "5686317"   "5716218"   "5781022"   "5783461"   "5801452"   "5815000"   "5834945"   "5869974"   "5878485"   "5896036"   "5915977"   "5929647"   "5931685"   "5962921"   "6013948").PN.	USPAT	2002/08/15 14:49
-	50	4617730.URPN.	USPAT	2002/08/15 14:51
-	50	4617730.URPN.	USPAT	2002/08/15 14:51

-	27	5404044.URPN.	USPAT	2002/08/15 14:55
-	21	circuit with substrate with microvia	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:02
-	1	insulating with layer with microvia and (257/\$).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:03
-	20	microvia and (257/\$).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:04
-	244	((257/778).CCLS.) and insulating with substrate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:05
-	1	5442143.URPN.	USPAT	2002/08/15 15:28
-	34	("3316618"   "3509270"   "3541222"   "3616532"   "3663931"   "3739469"   "3795037"   "3862790"   "4249302"   "4548451"   "4655519"   "4707657"   "4716049"   "4729809"   "4788766"   "4793814"   "4902606"   "4924353"   "4954878"   "5129142"   "5167512"   "5224265"   "5228861"   "5229647"   "5232548"   "5282312"   "5354205"   "5367764"   "5442143"   "5613033"   "5758413"   "5879787"   "5936848"   "5951305").PN.	USPAT	2002/08/15 15:33
-	5	("5148265"   "5148266"   "5615824"   "5632631"   "5802699").PN.	USPAT	2002/08/15 15:33
-	14	("4339303"   "4424095"   "4571322"   "4764327"   "5240817"   "5266446"   "5367764"   "5443672"   "5468681"   "5487218"   "5557844"   "5570504"   "5571593"   "5609889").PN.	USPAT	2002/08/15 15:38
-	41	5557844.URPN.	USPAT	2002/08/15 15:41
-	17	((257/778).CCLS.) and insulating with substrate) and (cavity microvia via) with metal with layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:46
-	7	microvia with BGA	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:47
-	483	via with BGA	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:47
-	549	(174/256).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:47
-	219	((174/256).CCLS.) and (via microvia cavity)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 15:58

-	771	((257/691).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2002/08/15 15:59
-	55	((257/691).CCLS.) and circuit adj substrate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2002/08/15 16:26
-	126	("3611317"   "3629787"   "3643135"   "3949274"   "4202007"   "4249302"   "4271588"   "4289922"   "4371744"   "4453176"   "4480288"   "4489363"   "4499607"   "4502098"   "4509099"   "4525921"   "4547834"   "4574331"   "4581679"   "4601526"   "4631636"   "4638348"   "4640010"   "4648179"   "4679118"   "4688151"   "4695872"   "4716259"   "4718163"   "4721831"   "4727410"   "4733461"   "4739444"   "4743568"   "4770640"   "4771366"   "4774630"   "4781969"   "4800461"   "4801992"   "4803595"   "4807021"   "4811082"   "4841355"   "4855809"   "4855871"   "4858073"   "4862249"   "4866508"   "4868712"   "4871317"   "4873764"   "4884167"   "4894706"   "4899439"   "4901136"   "4902637"   "4910643"   "4922059"   "4922378"   "4930002"   "4931134"   "4937659"   "4937707"   "4939568"   "4953005"   "4953060"   "4956695"   "4956746"   "4956749"   "4958258"   "4963697"   "4965702"   "4970577"   "4983533"   "4984132"   "4991000"   "4992908"   "4996587"   "5003376"   "5006920"   "5006925"   "5007841"   "5010448"   "5016138"   "5019945"   "5025306"   "5027253"   "5031072"   "5032896"   "5034569"   "5049982"   "5051865"   "5053856"   "5055907"   "5060116"   "5061990"   "5065277"   "5081563"   "5089880"   "5102828"   "5121297"   "5132613"   "5142448"   "5144532"   "5155661"   "5177594"   "5204806"   "5222014"   "5237204"   "5258330"   "5278724"   "5309324"   "5334804"   "5346861"   "5347159"   "5349501"   "5355282"   "5357400"   "5362656"   "5396034"   "5404273"   "5419038"   "5426565"   "5435733"   "5479110") . PN.	2002/08/15 16:06	

	126	( "3611317"   "3629787"   "3643135"   "3949274"   "4202007"   "4249302"   "4271588"   "4289922"   "4371744"   "4453176"   "4480288"   "4489363"   "4499607"   "4502098"   "4509099"   "4525921"   "4547834"   "4574331"   "4581679"   "4601526"   "4631636"   "4638348"   "4640010"   "4648179"   "4679118"   "4688151"   "4695872"   "4716259"   "4718163"   "4721831"   "4727410"   "4733461"   "4739444"   "4743568"   "4770640"   "4771366"   "4774630"   "4781969"   "4800461"   "4801992"   "4803595"   "4807021"   "4811082"   "4841355"   "4855809"   "4855871"   "4858073"   "4862249"   "4866508"   "4868712"   "4871317"   "4873764"   "4884167"   "4894706"   "4899439"   "4901136"   "4902637"   "4910643"   "4922059"   "4922378"   "4930002"   "4931134"   "4937659"   "4937707"   "4939568"   "4953005"   "4953060"   "4956695"   "4956746"   "4956749"   "4958258"   "4963697"   "4965702"   "4970577"   "4983533"   "4984132"   "4991000"   "4992908"   "4996587"   "5003376"   "5006920"   "5006925"   "5007841"   "5010448"   "5016138"   "5019945"   "5025306"   "5027253"   "5031072"   "5032896"   "5034569"   "5049982"   "5051865"   "5053856"   "5055907"   "5060116"   "5061990"   "5065277"   "5081563"   "5089880"   "5102828"   "5121297"   "5132613"   "5142448"   "5144532"   "5155661"   "5177594"   "5204806"   "5222014"   "5237204"   "5258330"   "5278724"   "5309324"   "5334804"   "5346861"   "5347159"   "5349501"   "5355282"   "5357400"   "5362656"   "5396034"   "5404273"   "5419038"   "5426565"   "5435733"   "5479110") . PN.	USPAT	2002/08/15 16:06
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-	126	( "3611317"   "3629787"   "3643135"   "3949274"   "4202007"   "4249302"   "4271588"   "4289922"   "4371744"   "4453176"   "4480288"   "4489363"   "4499607"   "4502098"   "4509099"   "4525921"   "4547834"   "4574331"   "4581679"   "4601526"   "4631636"   "4638348"   "4640010"   "4648179"   "4679118"   "4688151"   "4695872"   "4716259"   "4718163"   "4721831"   "4727410"   "4733461"   "4739444"   "4743568"   "4770640"   "4771366"   "4774630"   "4781969"   "4800461"   "4801992"   "4803595"   "4807021"   "4811082"   "4841355"   "4855809"   "4855871"   "4858073"   "4862249"   "4866508"   "4868712"   "4871317"   "4873764"   "4884167"   "4894706"   "4899439"   "4901136"   "4902637"   "4910643"   "4922059"   "4922378"   "4930002"   "4931134"   "4937659"   "4937707"   "4939568"   "4953005"   "4953060"   "4956695"   "4956746"   "4956749"   "4958258"   "4963697"   "4965702"   "4970577"   "4983533"   "4984132"   "4991000"   "4992908"   "4996587"   "5003376"   "5006920"   "5006925"   "5007841"   "5010448"   "5016138"   "5019945"   "5025306"   "5027253"   "5031072"   "5032896"   "5034569"   "5049982"   "5051865"   "5053856"   "5055907"   "5060116"   "5061990"   "5065277"   "5081563"   "5089880"   "5102828"   "5121297"   "5132613"   "5142448"   "5144532"   "5155661"   "5177594"   "5204806"   "5222014"   "5237204"   "5258330"   "5278724"   "5309324"   "5334804"   "5346861"   "5347159"   "5349501"   "5355282"   "5357400"   "5362656"   "5396034"   "5404273"   "5419038"   "5426565"   "5435733"   "5479110" ). PN.	USPAT	2002/08/15 16:06
-	1285	(257/778).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/15 17:20
-	3	5665650.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 09:57
-	841	(via hole) with circular with pad	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 09:58
-	47	((via hole) with circular with pad) and (257/\$).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 10:00
-	3	((via hole) with circular with pad) and copper with ring with pad	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 10:03

-	0	soler with bump and copper with ring with pad	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/08/16 10:03
-	11	solder with bump and copper with ring with pad	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/08/16 10:07
-	271	solder with bump and ring with pad	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/08/16 10:18
-	0	circuti with pattern with disk and BGA	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/08/16 10:19
-	0	circuitit with pattern with disk and BGA	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/08/16 10:19